**CTS DIGITAL NURTURE - 4.0 JAVA FSE**

**WEEK 4 -** **Spring REST using Spring Boot 3**

**2.spring-rest-handson**

**REST - Country Web Service**

PROGRAM:

**Change port in application.properties**

spring.application.name=spring-learn

debug=true

server.port=8083

**Country.java**

package com.cognizant.springlearn.model;

public class Country {

private String code;

private String name;

// Getters and Setters

public String getCode() {

return code;

}

public void setCode(String code) {

this.code = code;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

*@Override*

public String toString() {

return "Country [code=" + code + ", name=" + name + "]";

}

}

**country.xml**

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://www.springframework.org/schema/beans

https://www.springframework.org/schema/beans/spring-beans.xsd">

<bean id="in" class="com.cognizant.springlearn.model.Country">

<property name="code" value="IN"/>

<property name="name" value="India"/>

</bean>

</beans>

**CountryController.java**

package com.cognizant.springlearn.controller;

import com.cognizant.springlearn.model.Country;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

*@RestController*

public class CountryController {

*@RequestMapping*("/country")

public Country getCountryIndia() {

*@SuppressWarnings*("resource")

ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");

Country country = context.getBean("in", Country.class);

return country;

}

}

OUTPUT:

Open -> <http://localhost:8083/country>

